

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| L1    | 68   | (175/231).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/10/26 15:43 |
| L3    | 534  | (166/321).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/10/26 15:44 |
| L4    | 186  | (166/334.4).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/10/26 15:44 |
| L5    | 192  | (166/331).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/10/26 15:44 |
| L6    | 131  | (166/334.1).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2007/10/26 15:44 |
| L7    | 12   | (L1 L3 L4 L5 L6) and (@pd>"20070528")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/10/26 15:44 |
| L9    | 49   | (control and member and axial and pin and rotation and spring and groove).clm. | US-PGPUB   | OR               | ON      | 2007/10/26 15:45 |
| S1    | 21   | "2347443"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/05/28 19:31 |

## EAST Search History

|     |    |   |  |    |     |                  |
|-----|----|---|--|----|-----|------------------|
| S2  | 3  | ("7004266").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/05/28 19:32 |
| S3  | 8  | "0994236"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/05/28 19:32 |
| S4  | 14 | "994236"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/05/28 19:33 |
| S5  | 38 | "222620"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/05/28 19:33 |
| S6  | 3  | "9747850"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/05/28 19:33 |
| S7  | 1  | 1998-011702.NRAN.   | DERWENT  | OR | ON  | 2007/05/28 19:35 |
| S8  | 5  | "6173795"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/05/28 19:36 |
| S9  | 13 | ("2921601"   "3823773"   "4294314"<br>  "4407377"   "4645006"  <br>"4657082"   "4817723"   "5609178"<br>  "5890540").PN. OR ("6173795").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                   | OR | ON  | 2007/05/28 19:37 |
| S10 | 2  | ("4650001").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/05/28 19:42 |

## EAST Search History

|     |     |   |  |    |     |                  |
|-----|-----|---|--|----|-----|------------------|
| S11 | 3   | ("7004266").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/05/28 21:08 |
| S12 | 4   | ("4821817"   "5483987"   "5794694"<br>  "6708785").PN. OR ("7004266").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                   | OR | ON  | 2007/05/28 21:09 |
| S13 | 45  | "0053886"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/05/28 21:39 |
| S14 | 2   | "200053886"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/05/28 21:40 |
| S15 | 2   | ("6708785").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/05/28 21:41 |
| S16 | 4   | ("5794694").PN. OR ("6708785").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                   | OR | ON  | 2007/05/28 21:41 |
| S17 | 13  | ("2921601"   "3823773"   "4294314"<br>  "4407377"   "4645006"  <br>"4657082"   "4817723"   "5609178"<br>  "5890540").PN. OR ("6173795").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                   | OR | ON  | 2007/05/28 22:13 |
| S18 | 133 | (spring with vent) and piston and<br>fluid and "166"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/05/28 22:53 |
| S19 | 67  | (175/231).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/05/28 22:54 |

## EAST Search History

|     |     |   |  |    |     |                  |
|-----|-----|---|--|----|-----|------------------|
| S20 | 526 | (166/321).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/05/28 22:56 |
| S21 | 186 | (166/334.4).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/05/28 22:56 |
| S22 | 191 | (166/331).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/05/28 22:56 |
| S23 | 127 | (166/334.1).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2007/05/28 22:56 |
| S24 | 490 | ((port aperture) and piston and spring and pressure and position and axial and (rotation rotational)).clm.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/05/28 22:58 |
| S25 | 57  | ((port aperture) and piston and spring and pressure and position and axial and (rotation rotational) and pin and groove).clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/05/28 23:33 |
| S26 | 15  | "2309470"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2007/05/28 23:01 |
| S27 | 4   | ("3850250" "3986554" "4113012" "6109354").PN.   | US-PGPUB;<br>USPAT   | OR | ON  | 2007/05/28 23:33 |